| Project Title  | Funding  | Strategic Plan Objective            | Institution  |
|--|----------|-------------------------------------|--|
| Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity  | \$0      | Q2.Other Carnegie Mellon University |  |
| A Controlled Trial of Transcendental Meditation to Treat<br>Anxiety and Stress Among Adolescents with Autism<br>Spectrum Disorders   | \$10,400 | Q4.S.A                              | Center for Autism Assessment and Treatment                                   |
| Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system   | \$0      | Q2.Other                            | Columbia University  |
| Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children  | \$0      | Q2.Other                            | Hartwick College   |
| To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children   | \$0      | Q2.S.A                              | Hartwick College   |
| To Determine Epidermal growth factor (EGF) and EGF<br>Receptor Plasma Concentration and It's Relationship to<br>Hepatocyte Growth Factor (HGF), GABA Levels and<br>Symptom Severity in Autistic Children     | \$4,500  | Q2.S.A                              | Hartwick College   |
| To Study Maternal Anti-GAD Antibodies in Autism  | \$5,260  | Q3.S.E                              | Hartwick College   |
| Research project about a potential infectious origin of autism   | \$0      | Q3.S.E                              | Institut de Recherche Luc Montagnier   |
| 3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics   | \$0      | Q2.Other                            | Massachusetts General Hospital   |
| Role of Intestinal Microbiome in Children with Autism  | \$29,000 | Q3.S.I                              | Massachusetts General Hospital   |
| Denritic Cell Function in Autism   | \$26,920 | Q2.S.A                              | MIND Institute   |
| Brain mitochondrial abnormalities in autism  | \$0      | Q2.S.A                              | New York State Institute for Basic Research in<br>Developmental Disabilities |
| ASD - Inflammatory Subtype: Molecular Mechanisms   | \$20,148 | Q2.S.A                              | Rutgers University   |
| Elevated urinary P-cresol in small autistic children:<br>Origin and consequences   | \$0      | Q3.S.I                              | Universita Campus Bio-Medico di Roma   |
| Healthy GFCF Modified Atkins Diet for Treating Seizures in Autism  | \$34,000 | Q4.S.C                              | University of Arkansas & Arizona St. University                              |
| Modeling Gut Microbial Ecology and Metabolism in Autism Using an Innovative Ex Vivo Approach   | \$22,441 | Q3.S.I                              | University of Guelph   |
| Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder | \$0      | Q4.S.C                              | University of Louisville   |
| Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism  | \$0      | Q4.S.C                              | University of Louisville   |
| Metabolic factors affecting gamma synchrony  | \$0      | Q4.S.C                              | University of Louisville; Northeastern University                            |
| Autism spectrum disorders –inflammatory subtype:<br>Molecular characterization   | \$0      | Q2.S.A                              | University of Medicine & Dentistry of New Jersey                             |
| The effects of the Hane Face Window® on perceptual processing of children with autism spectrum disorders (ASD)   | \$0      | Q4.S.C                              | University of Minnesota  |
|  |          |                                     |  |

| Project Title   | Funding  | Strategic Plan Objective | Institution                    |
|---|----------|--------------------------|--------------------------------|
| Matrix metalloproteinases expression in autism spectrum disorders                       | \$15,000 | Q2.Other                 | University of Naples           |
| Regressive autism as an infectious disease: Role of the home as an environmental factor | \$0      | Q3.S.I                   | VA Medical Center, Los Angeles |
| The role of brainstem NTS inflammation and oxidative stress in Autism                   | \$43,000 | Q2.S.A                   | Wadsworth Center               |